



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday March 16, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Severe weather will be possible today and Wednesday across TX, OK, LA, and AR. Greatest chance of significant severe weather will be across AR on Wednesday.**
- **Heavy rainfall and flash flooding will be possible across N OK and the NE TX Panhandle today and NE AR on Wednesday.**
- **Critical fire weather conditions across NM into W TX today and over S & W TX on Wednesday.**
- **Blowing and drifting snow across NE NM and the TX/OK Panhandles tonight into Wednesday. Travel may become difficult.**

FEMA Region 6 Threat Matrix

Mar 16, 2021 - Mar 20, 2021



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	TX/OK	E AR			
		AR/NE LA			
Heavy Rain / Flash Flooding	N OK NETX Panhandle	NE AR			
Fire Weather	NM/WTX	S & WTX			
Winds	S NM/WTX	E NM TX/OK Panhandles			
Winter Weather	NE NM TX/OK Panhandles	NE NM TX/OK Panhandles			
River Flooding	NE OK, N AR	NE OK, N AR	NE OK, N AR	NE OK, N AR	NE OK, N AR
	LA, AR, ETX	LA, AR, ETX	LA, AR, ETX	LA, AR, ETX	LA, AR, ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

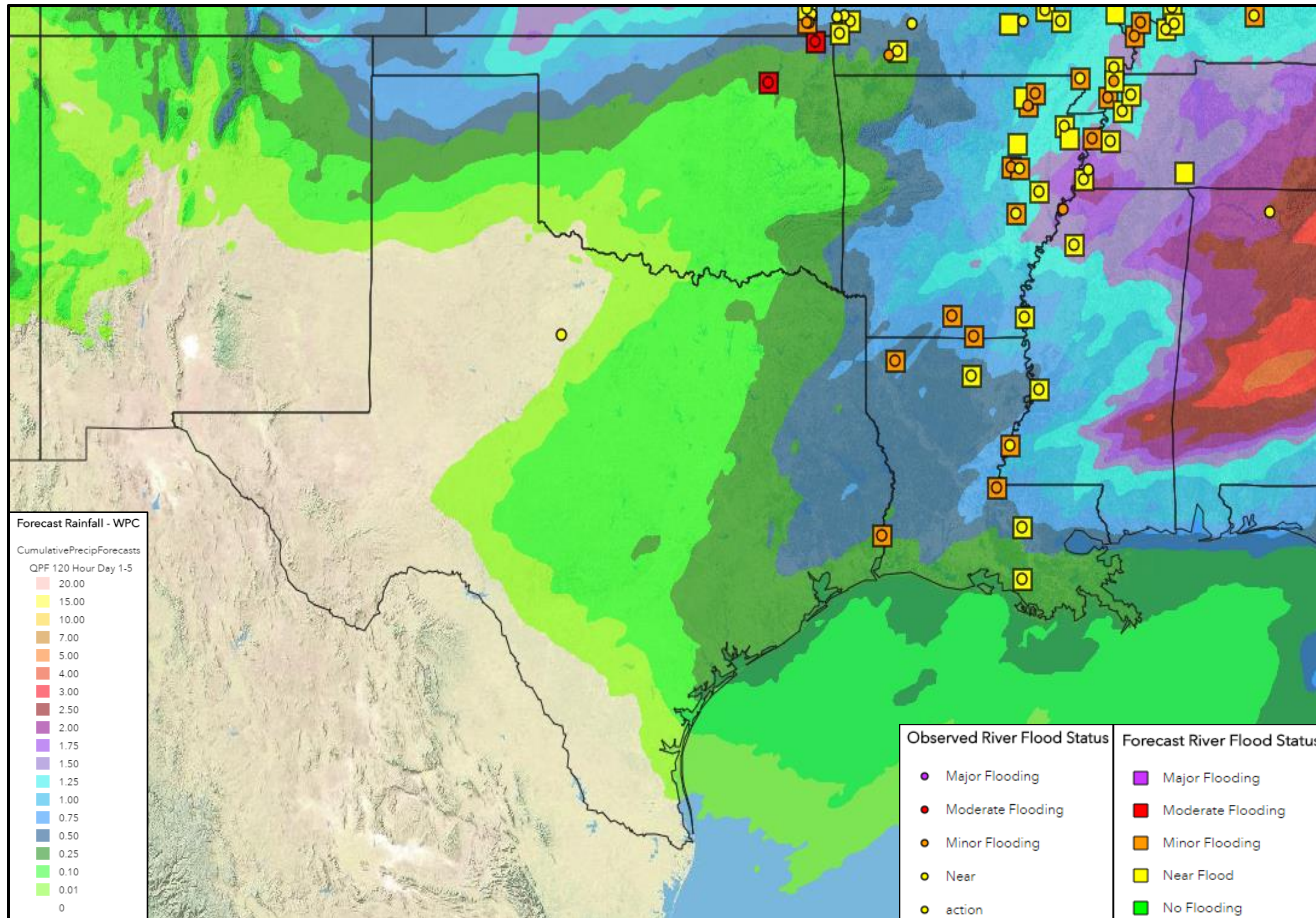
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Isolated moderate river flooding is occurring over NE OK on the Neosho River near Commerce but should be dropping into minor flood stage late tonight.

Caney River near Collinsville is in moderate flood but should drop into minor flood today.

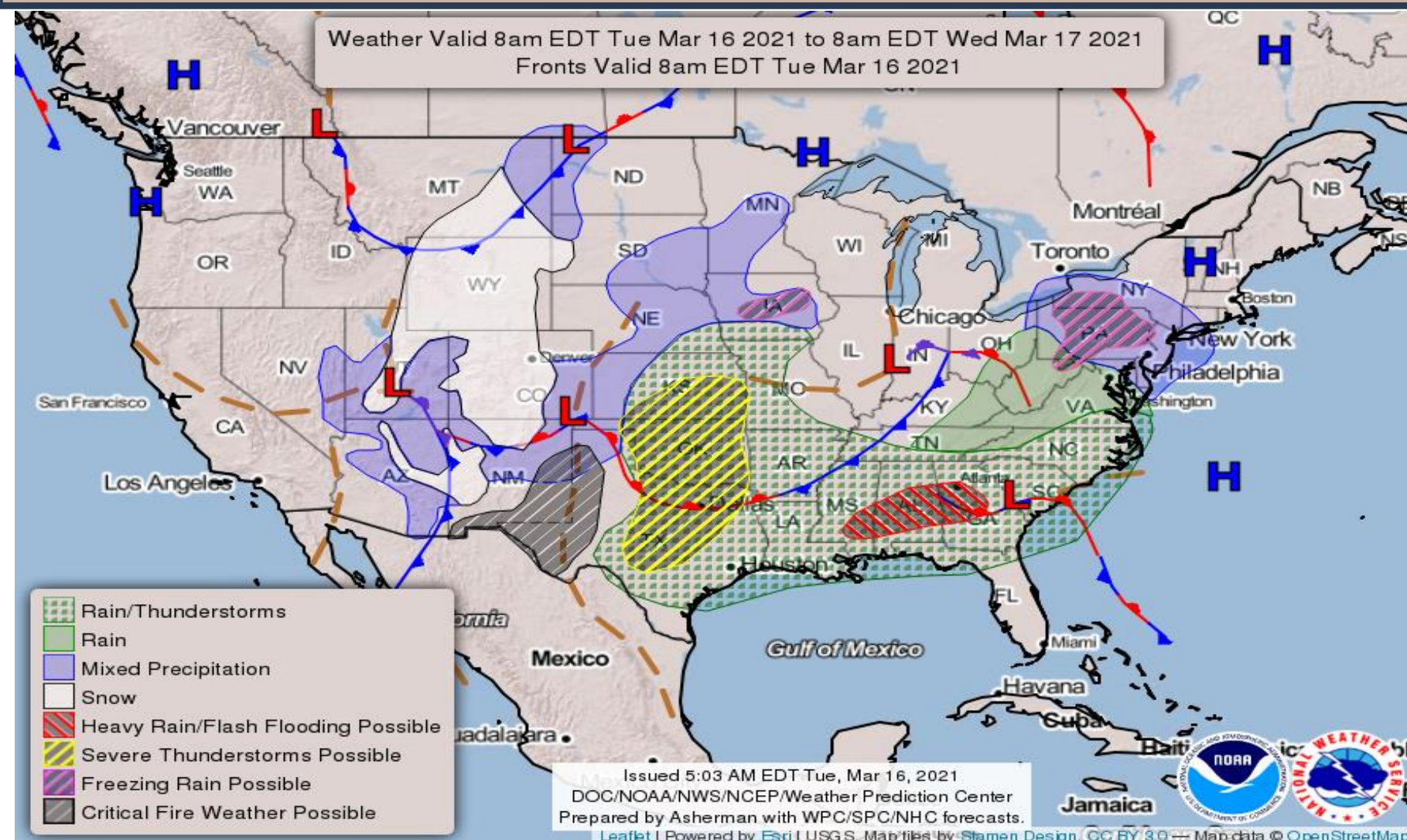
Minor river flooding continues across portions of LA, AR, and E TX with minor impacts to secondary roads and agricultural/recreational areas.

On the MS River, minor flooding is occurring at Osceola in NE AR and Red River Landing in SE LA with impacts to secondary roads and barge traffic.

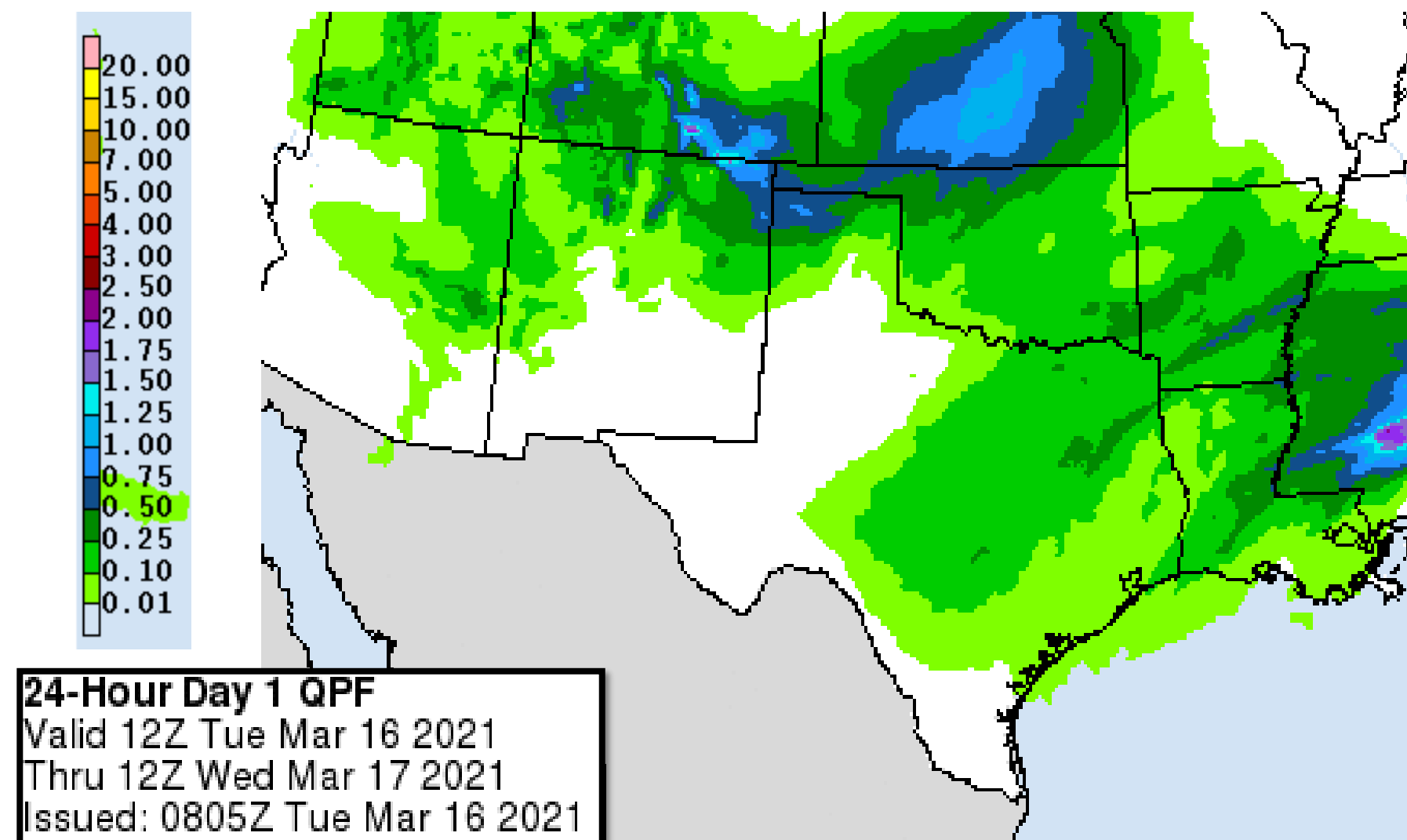
The MS River at Baton Rouge and New Orleans is expected to slowly rise and crest later this week below flood stage.

Today's Weather

Forecast Chart



Forecast Rainfall

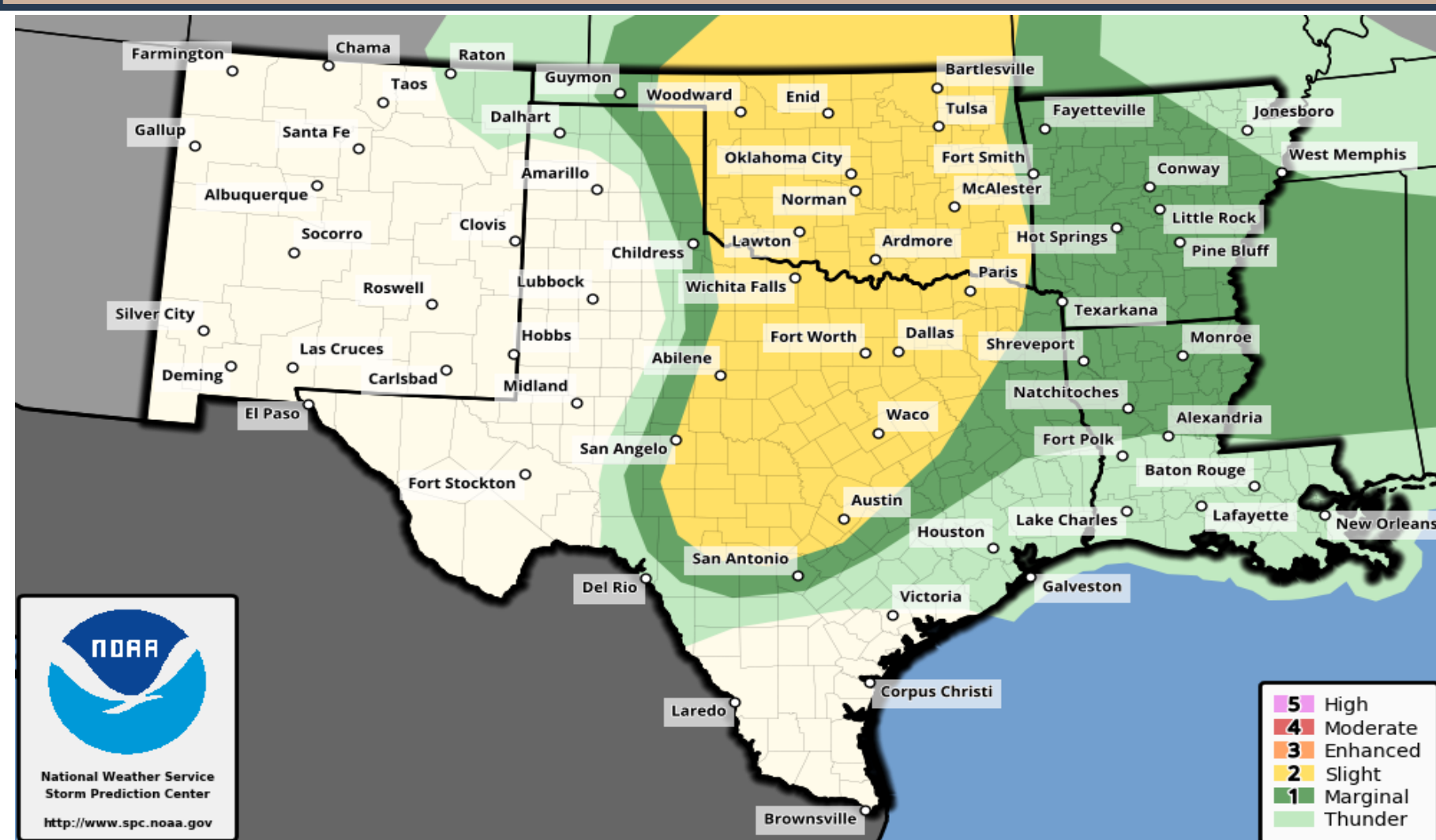


Slight risk of severe weather across OK and TX. Threats include large hail, damaging wind gusts, and isolated tornadoes.

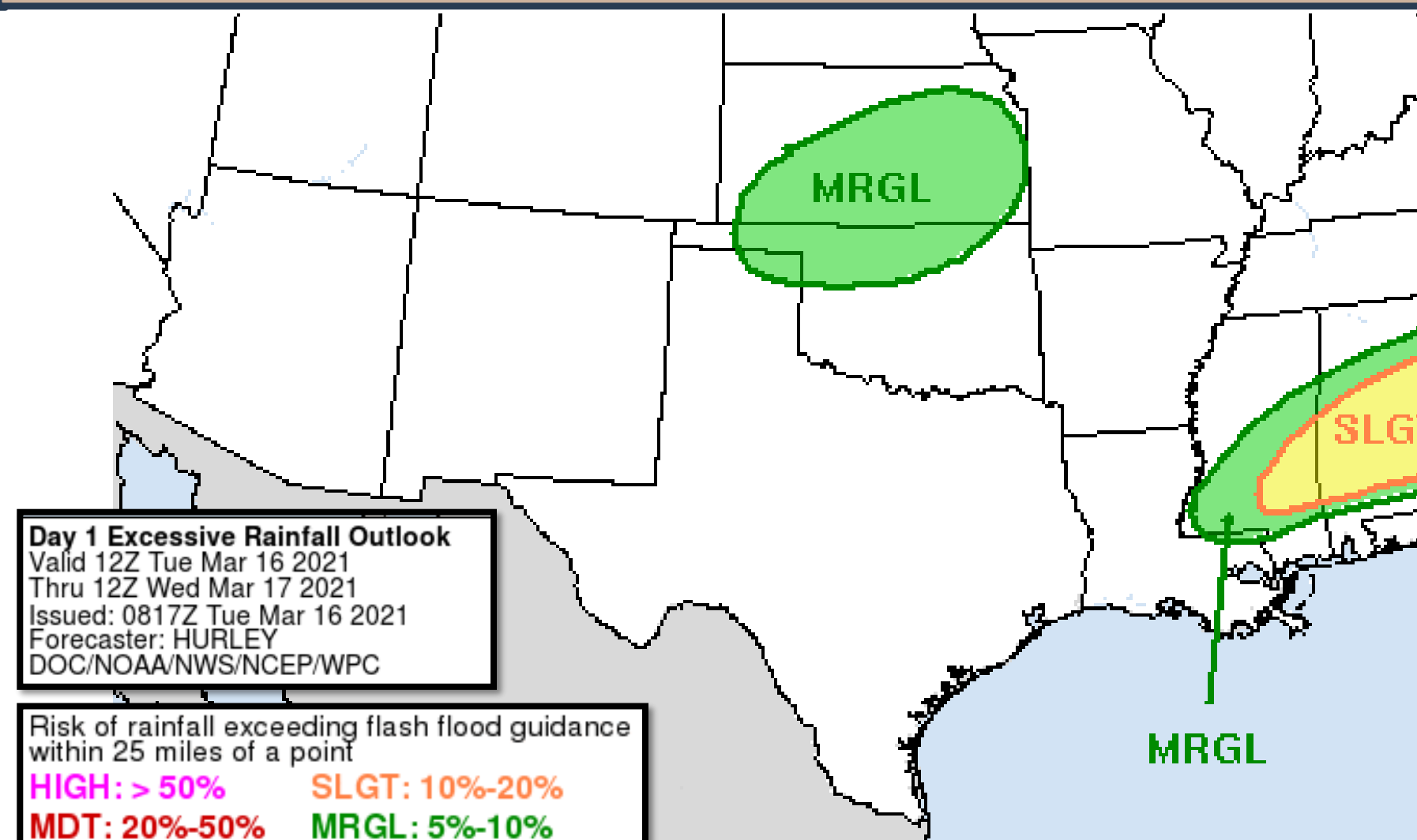
Isolated heavy rainfall and flash flooding possible across N OK and NE TX Panhandle.

Snow across NE NM and the TX/OK Panhandles tonight. Blowing and drifting snow possible. Travel may become difficult.

Severe Weather Outlook



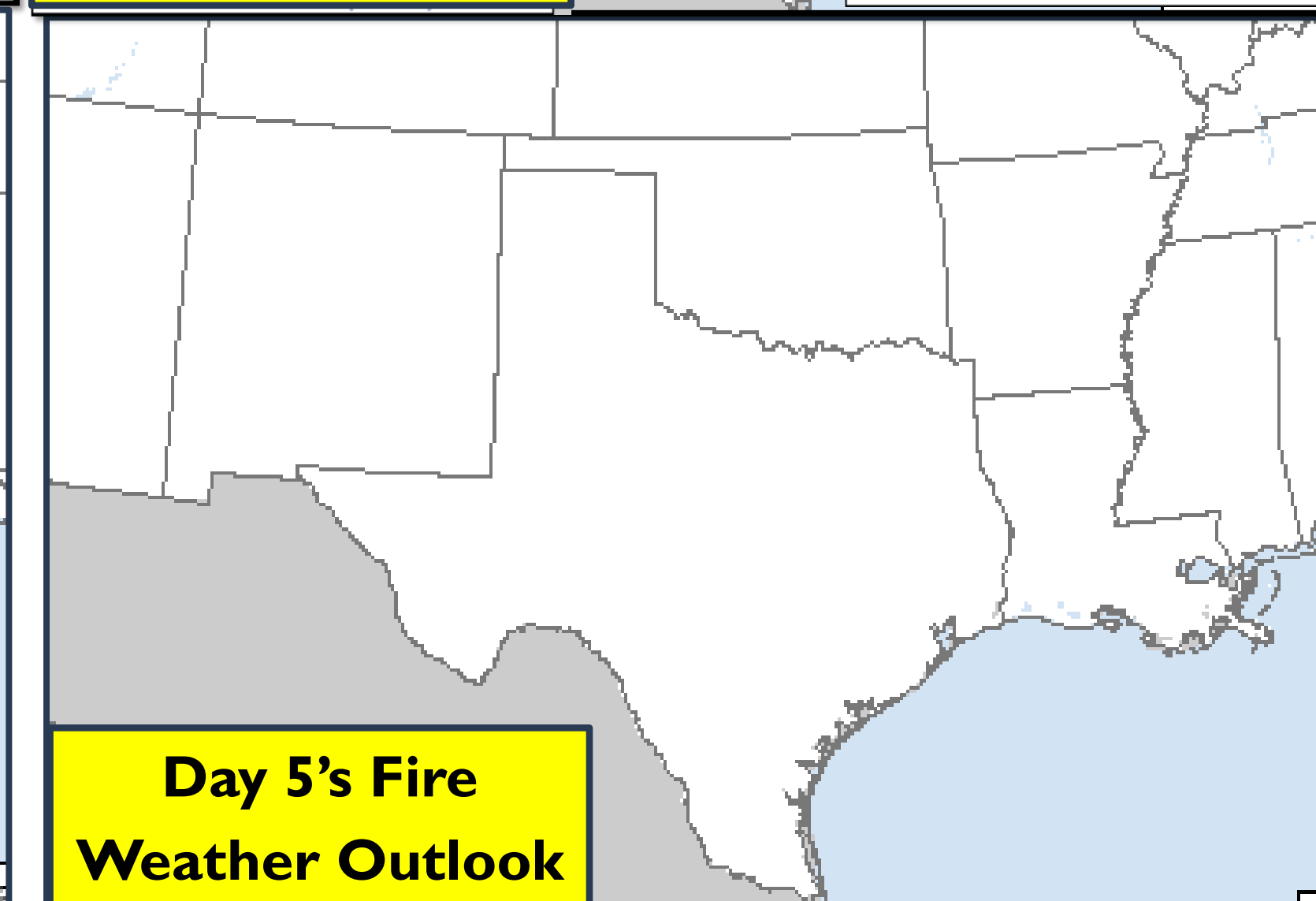
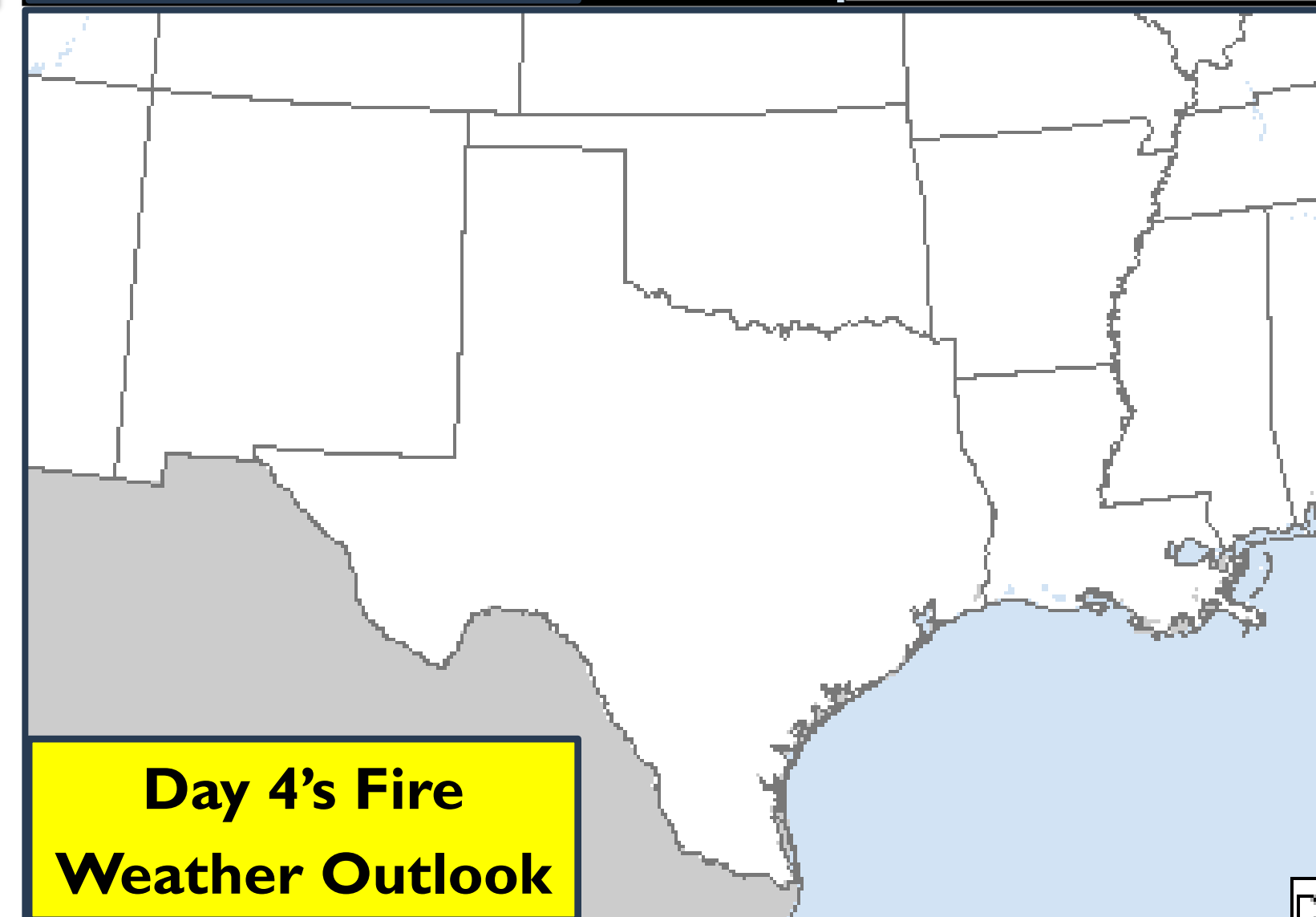
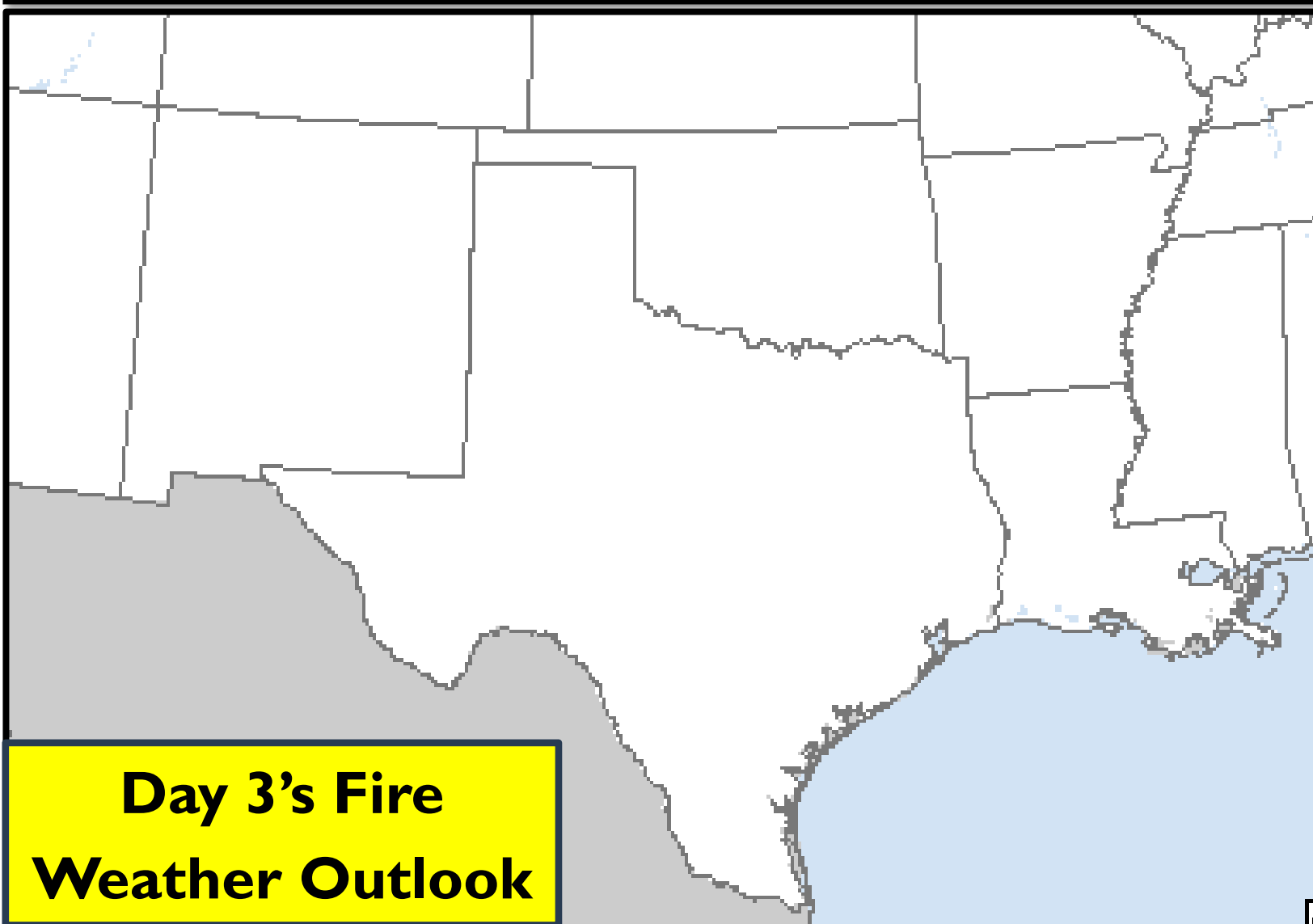
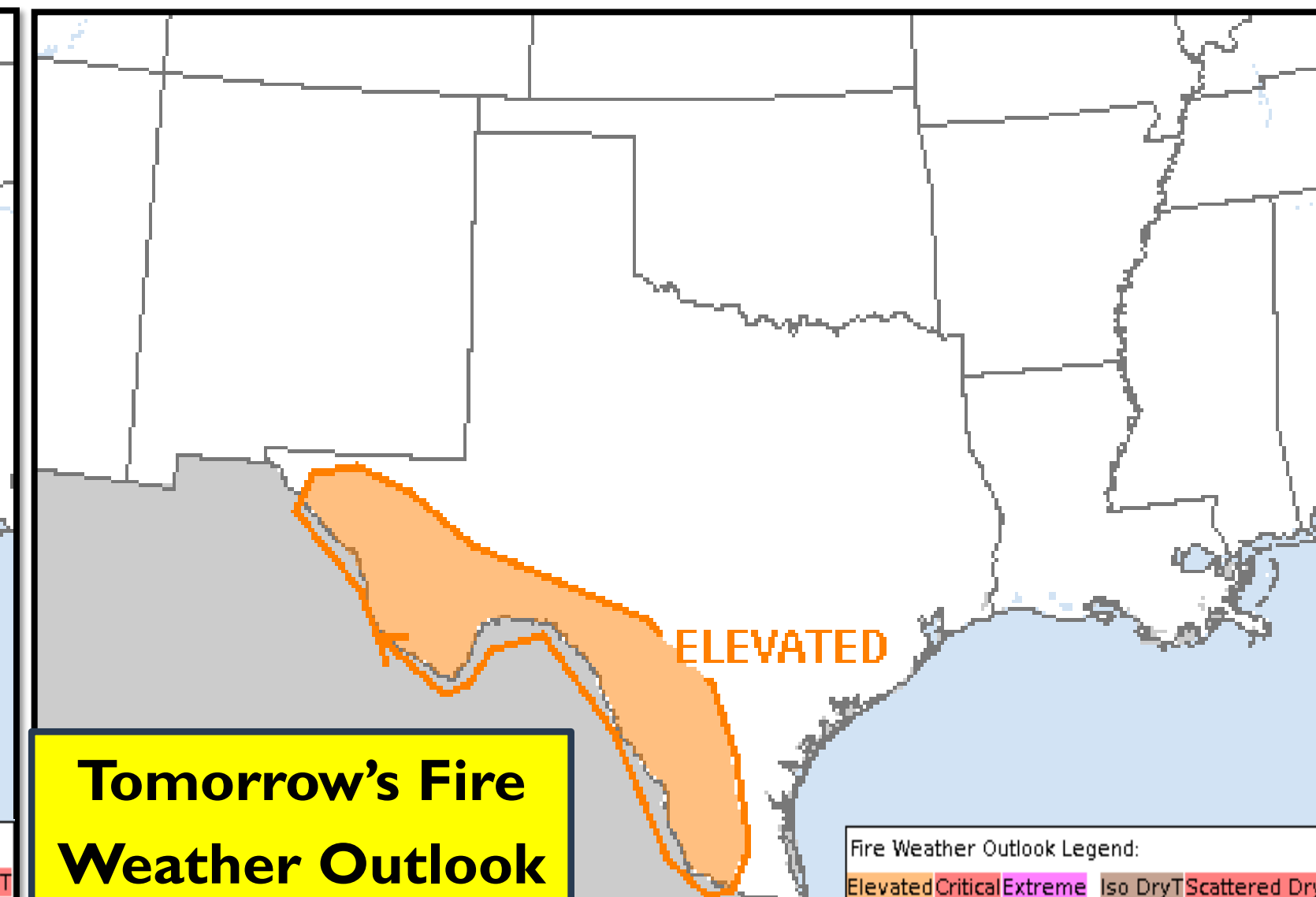
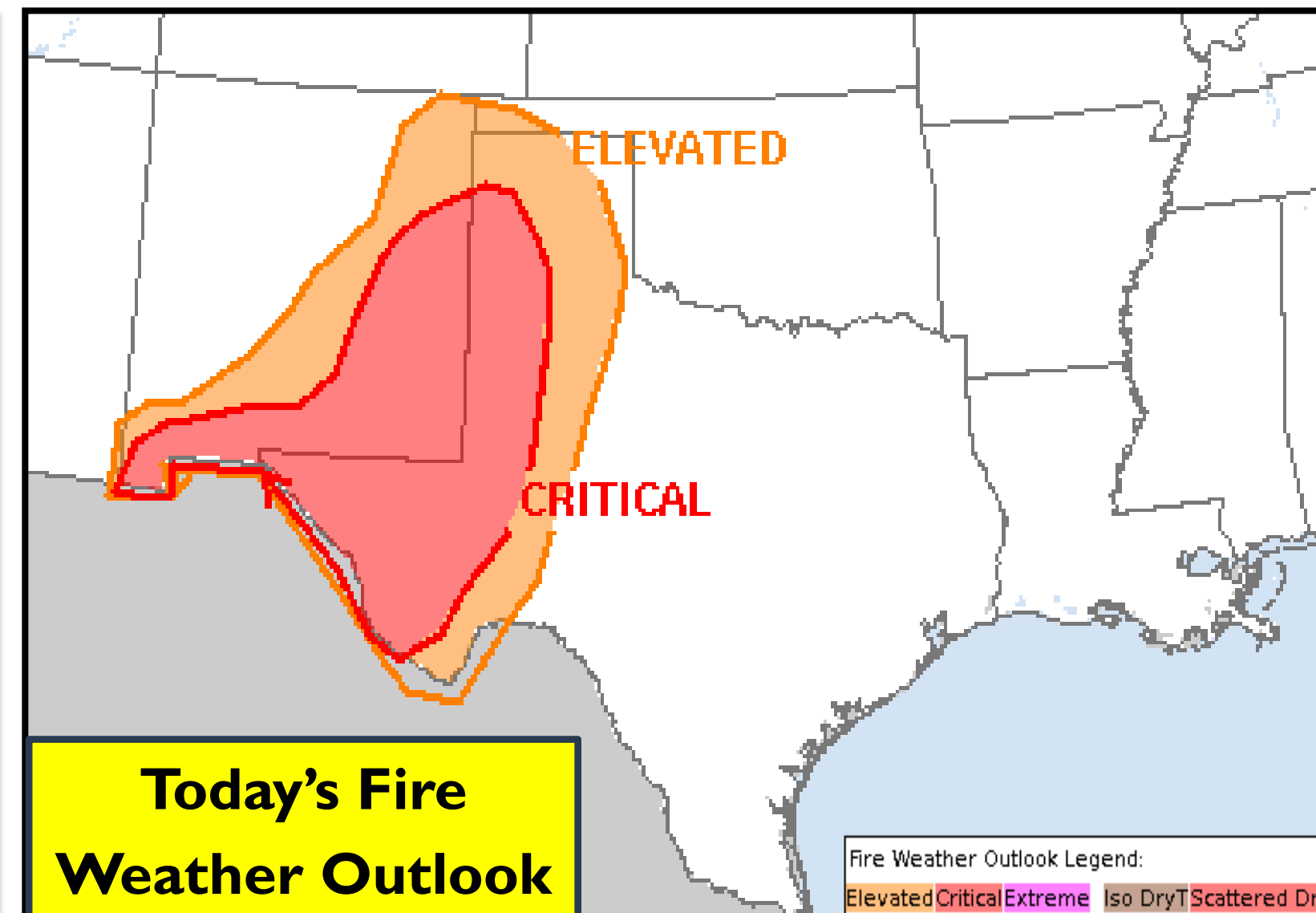
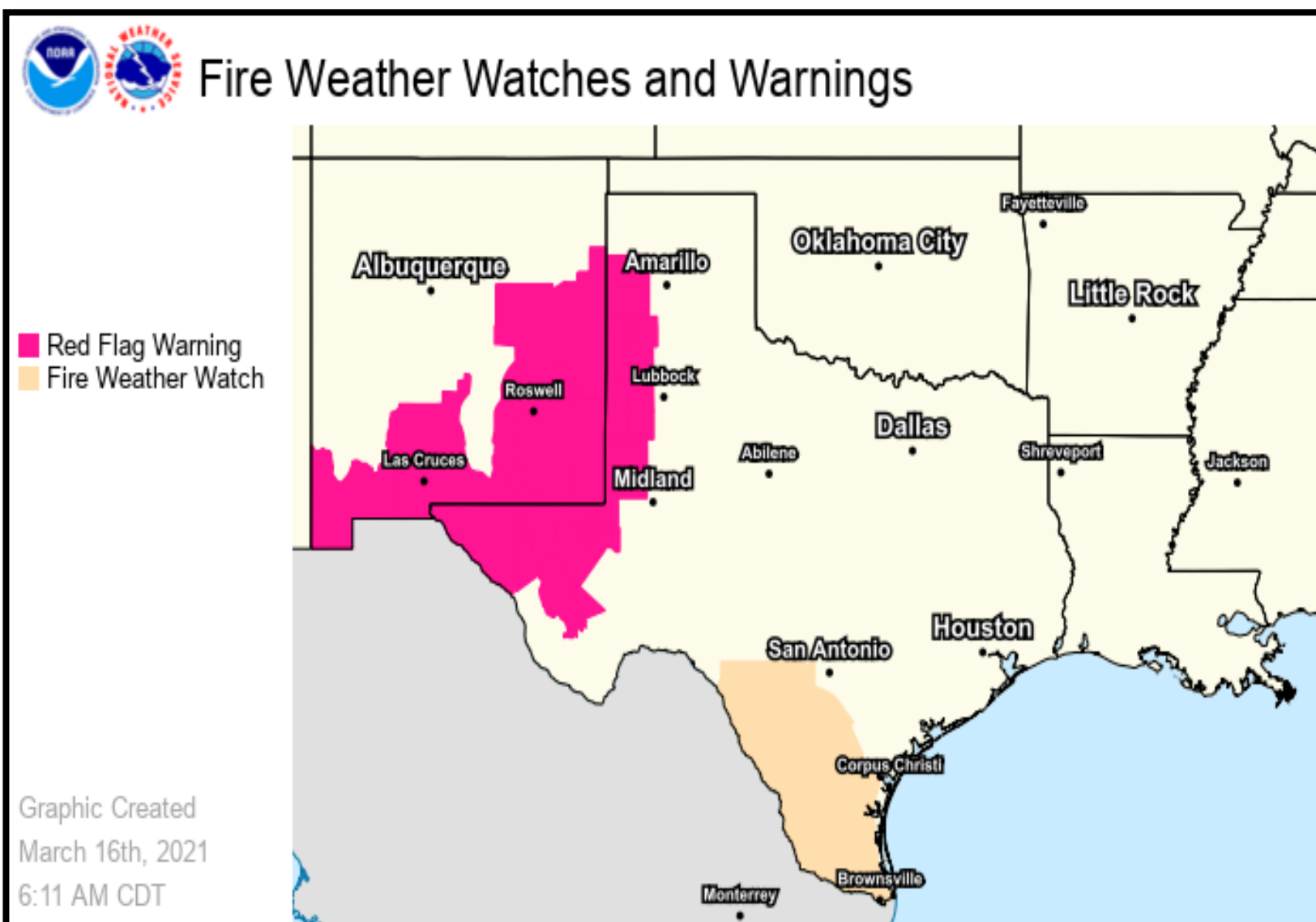
Excessive Rainfall Outlook



Fire Weather Outlooks



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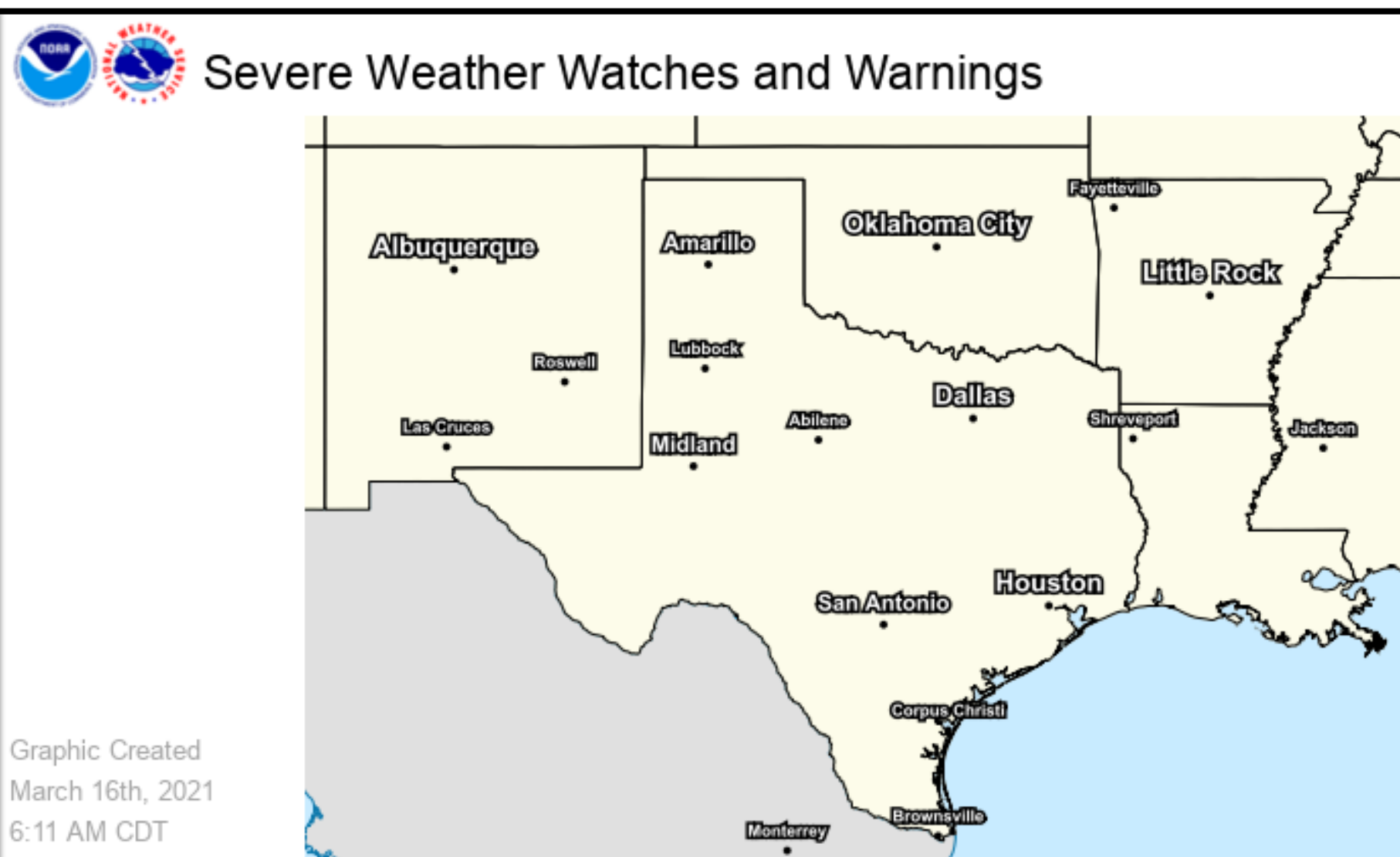
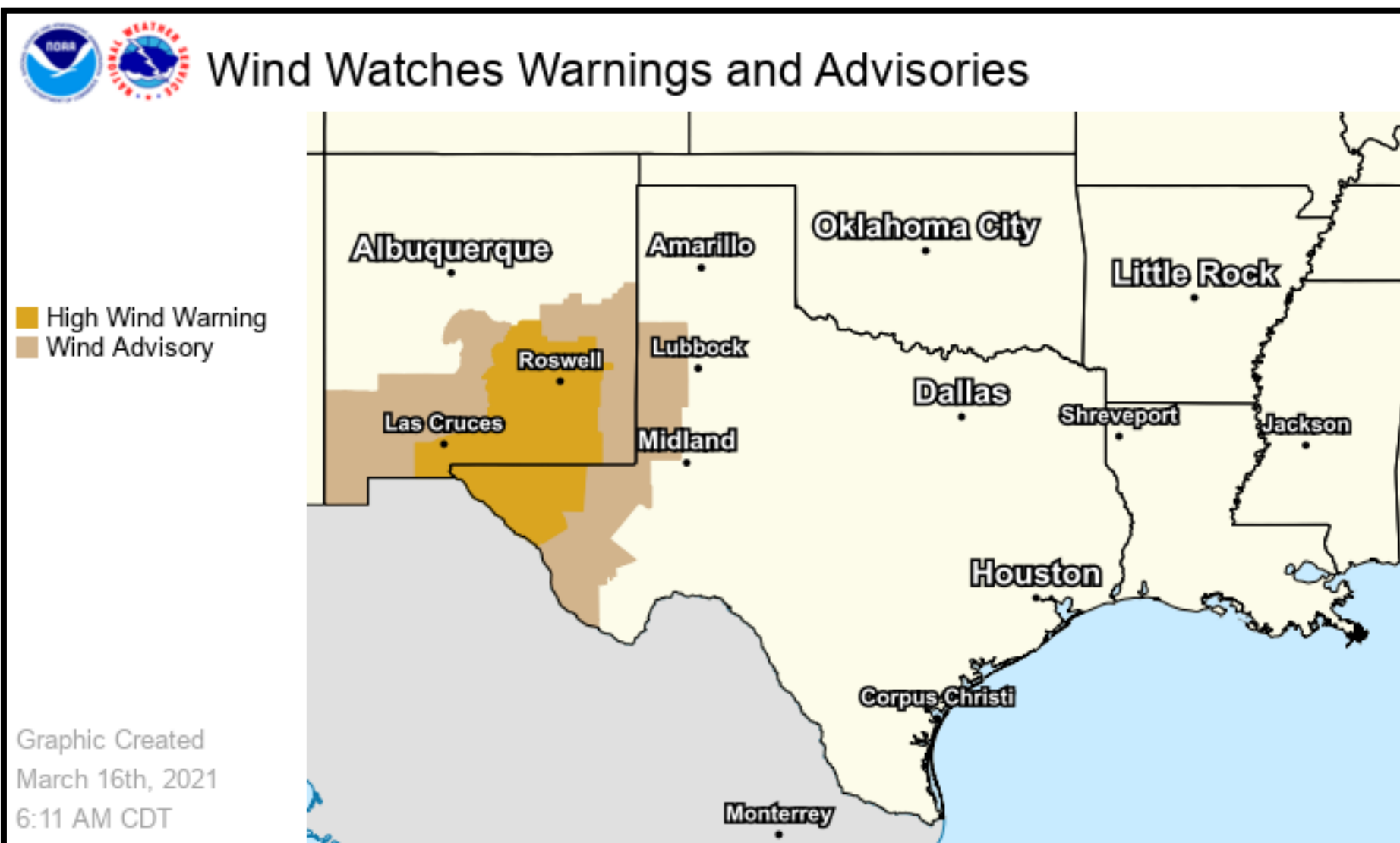


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

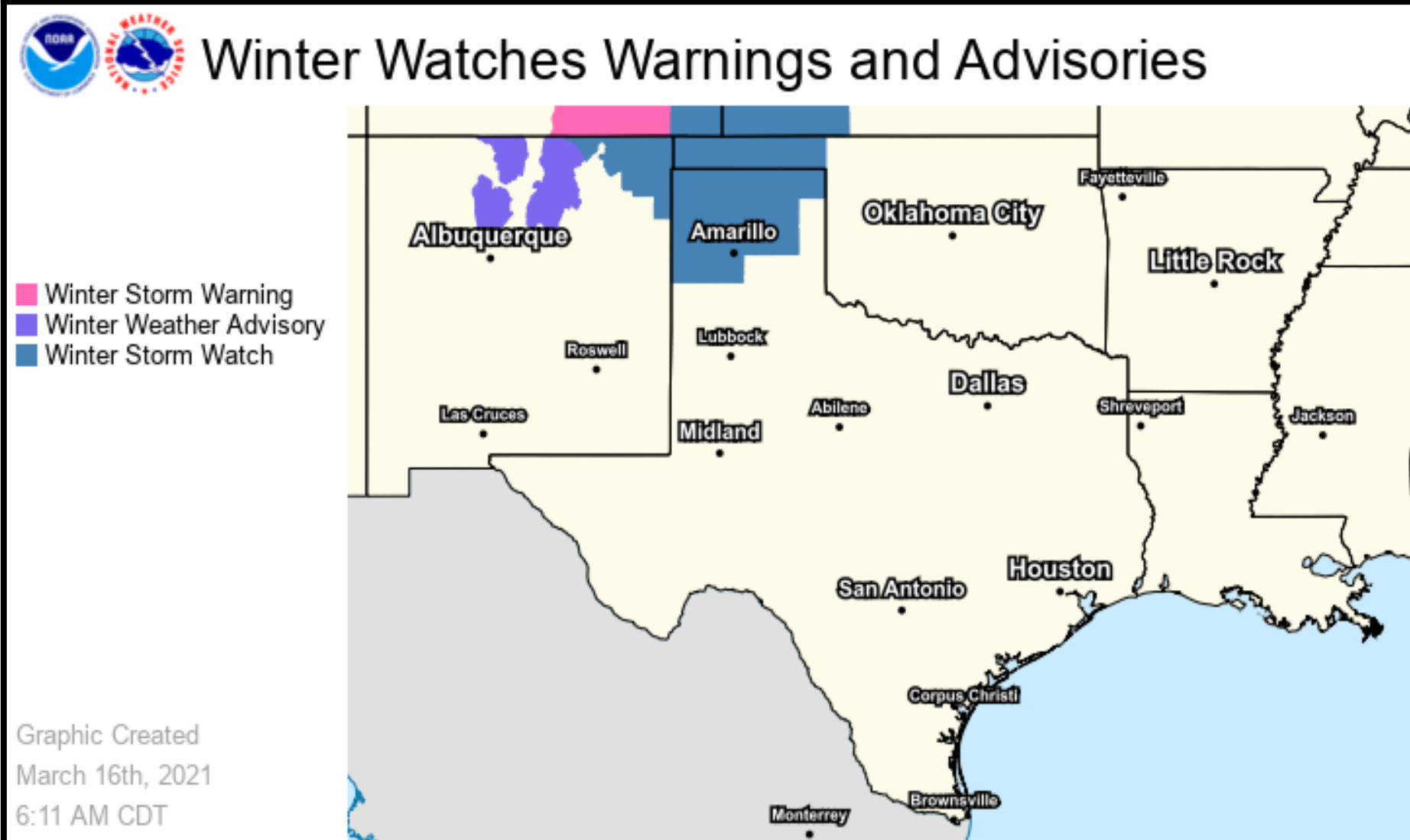


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High wind warning and wind advisories in effect.

Winter storm watch in effect for NE NM and the Panhandles.



Winter Weather

Tuesday - Thursday



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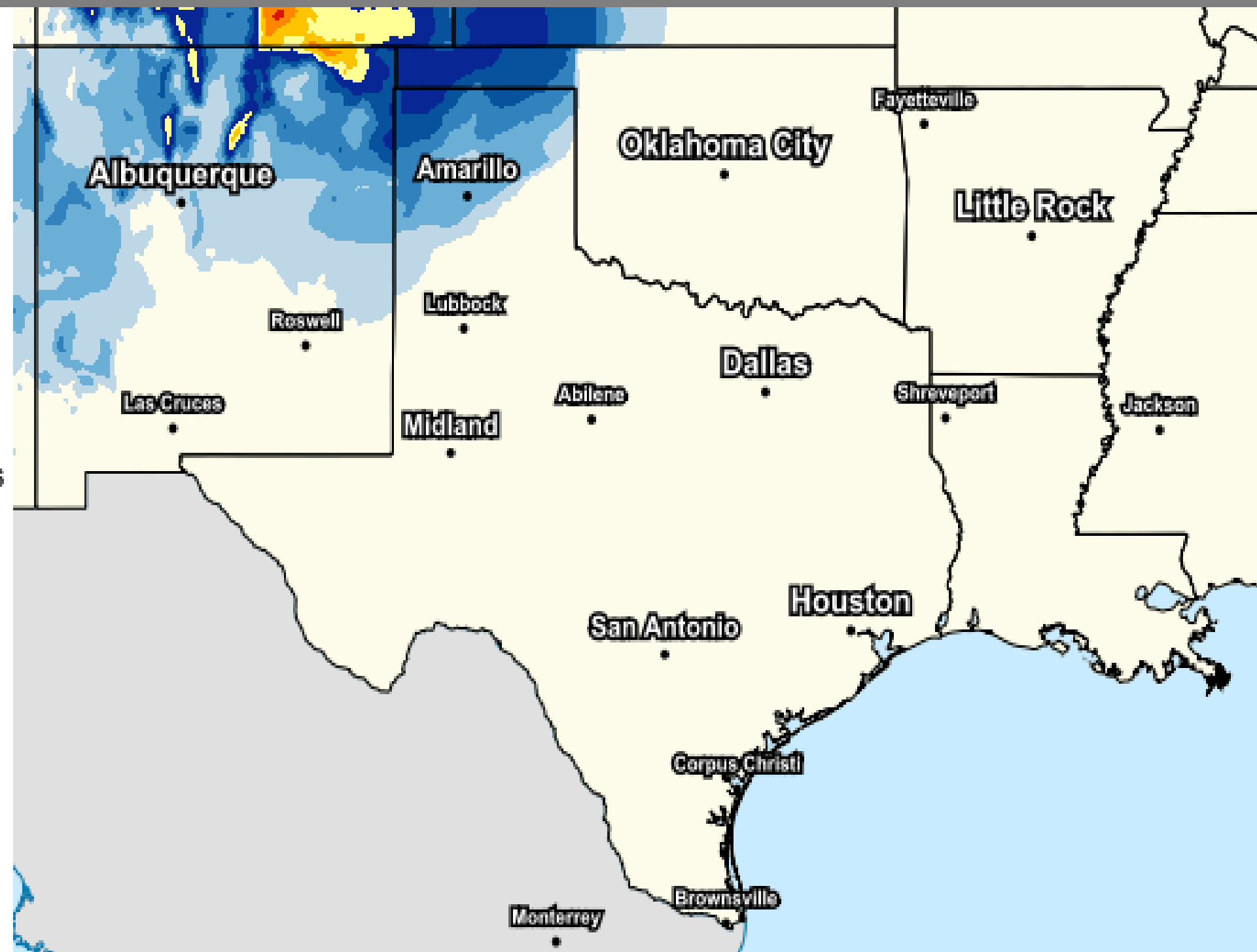
Forecast Snow Amounts



Forecast Snowfall

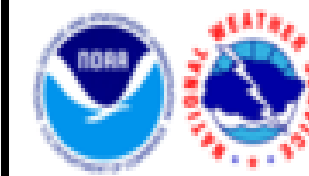
Valid Ending Thursday March 18th, 2021 at 7 PM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
March 16th, 2021
5:22 AM CDT

Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Thursday March 18th, 2021 at 7 PM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



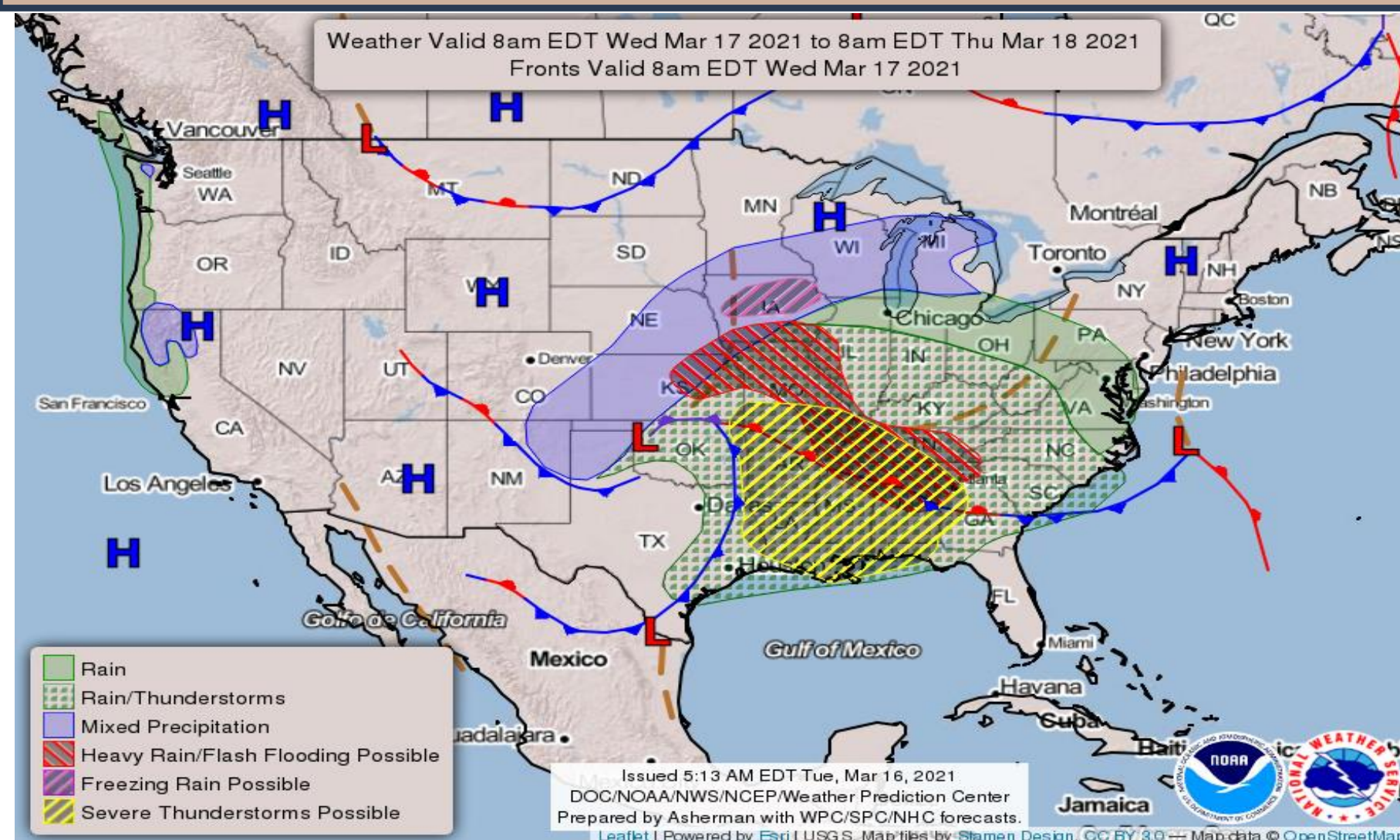
Graphic Created
March 16th, 2021
5:25 AM CDT

Tomorrow's Weather

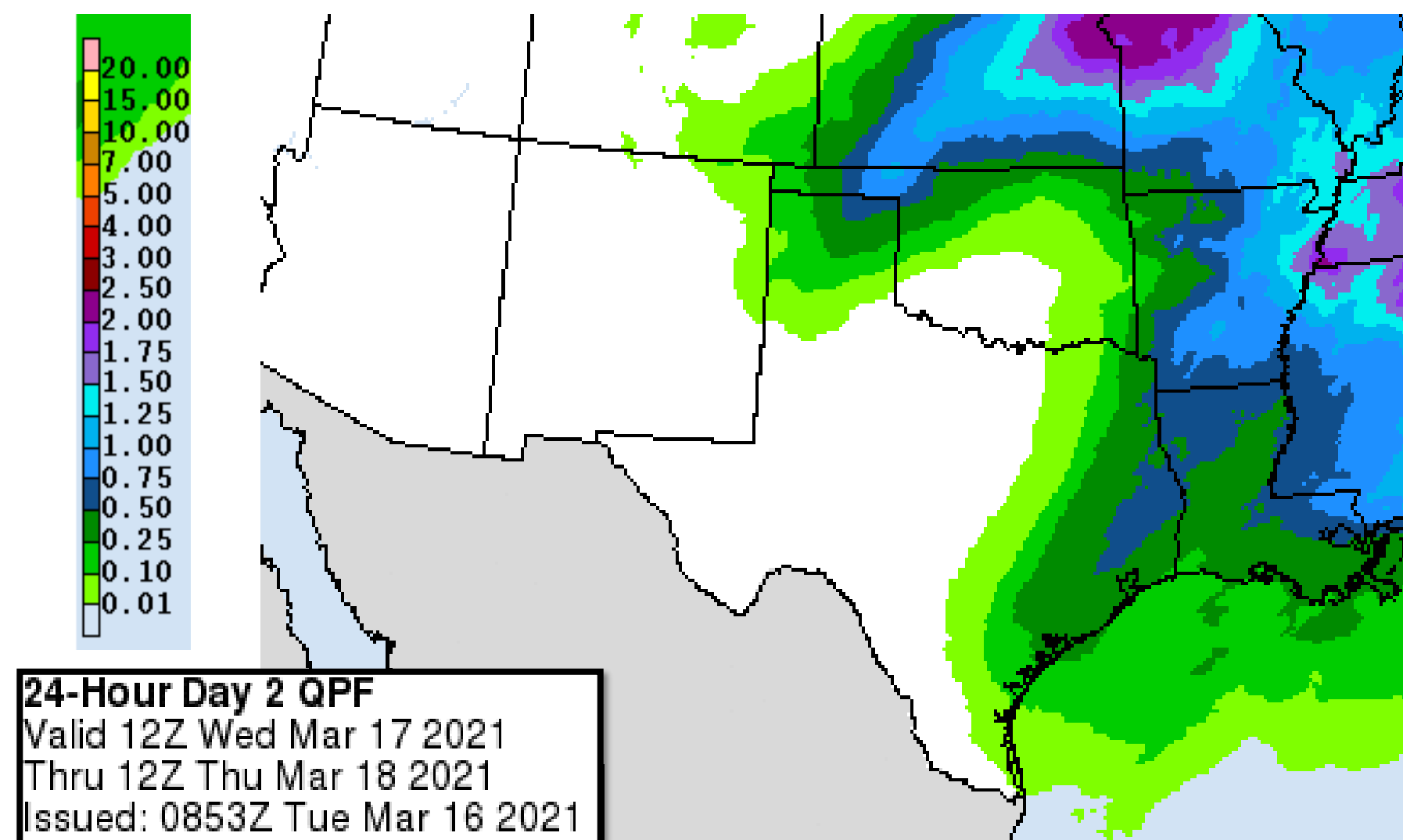


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Forecast Chart



Forecast Rainfall



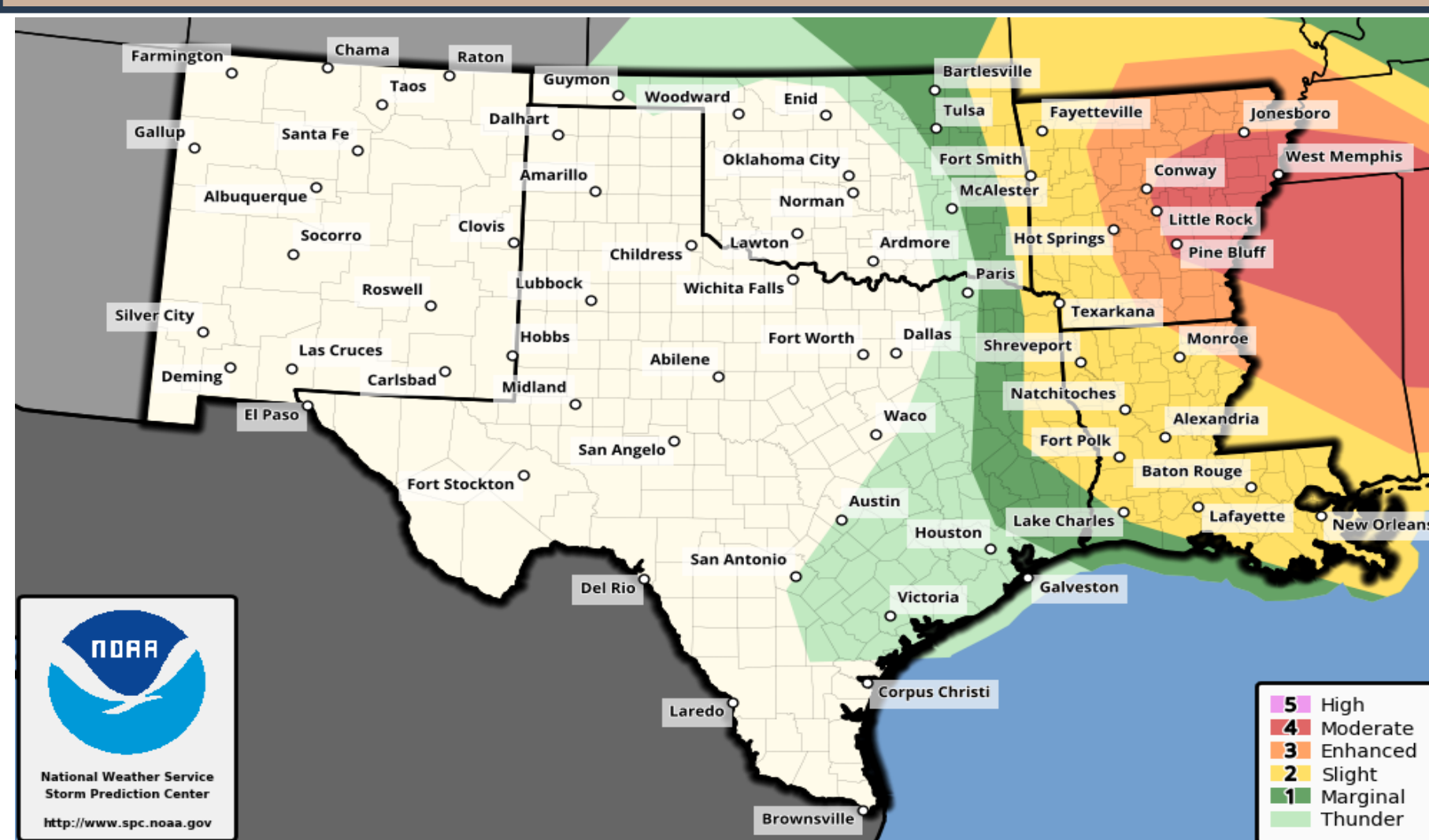
Moderate risk of severe storms Wednesday across E AR. Threats include damaging winds, large hail, and tornadoes. Some strong tornadoes possible.

Slight risk to enhanced risk of severe storms across AR, LA, E TX, and E OK.

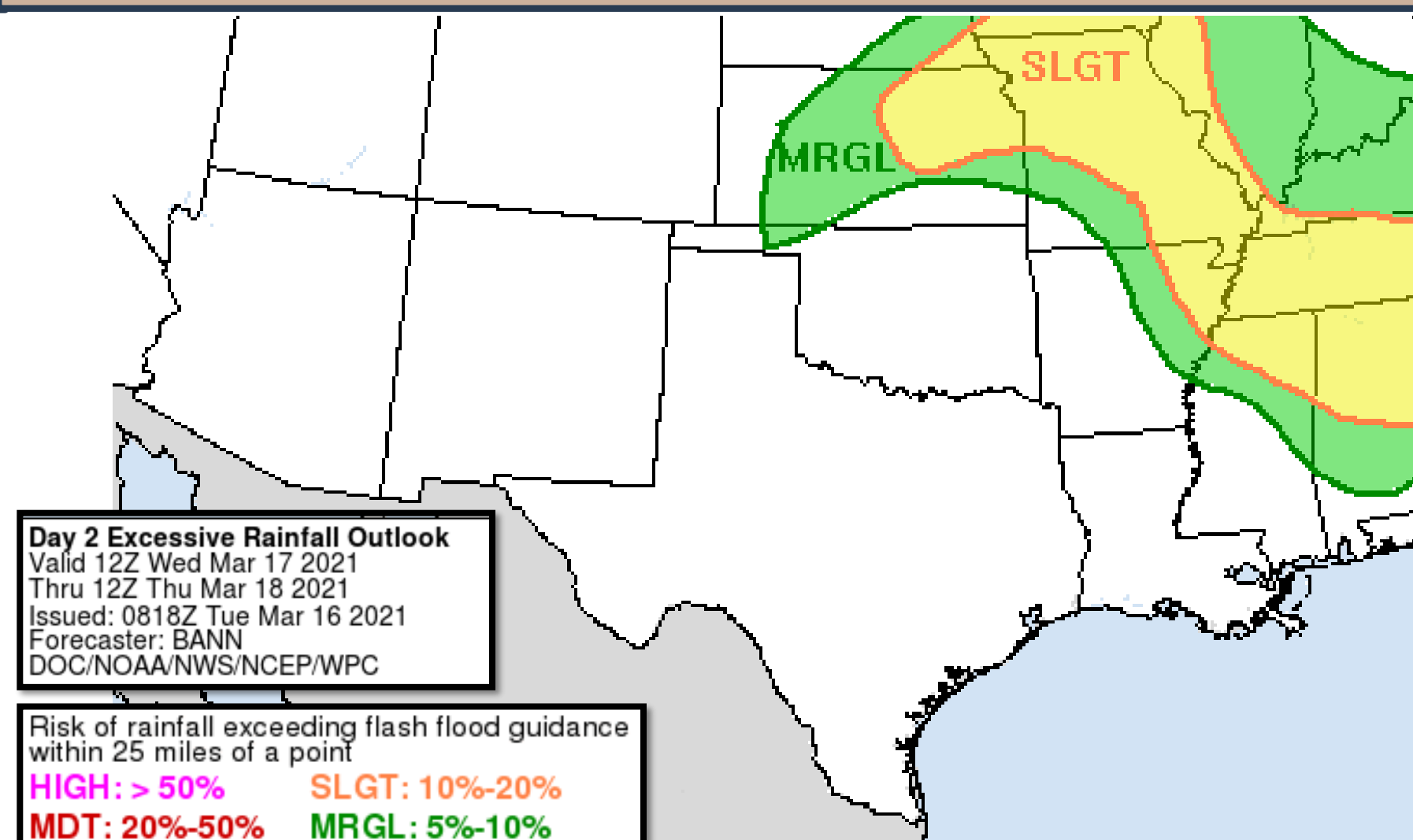
Heavy rainfall and flash flooding possible across NE AR.

Snow across NE NM and the TX/OK Panhandles. Blowing and drifting snow possible. Travel may become difficult.

Severe Weather Outlook

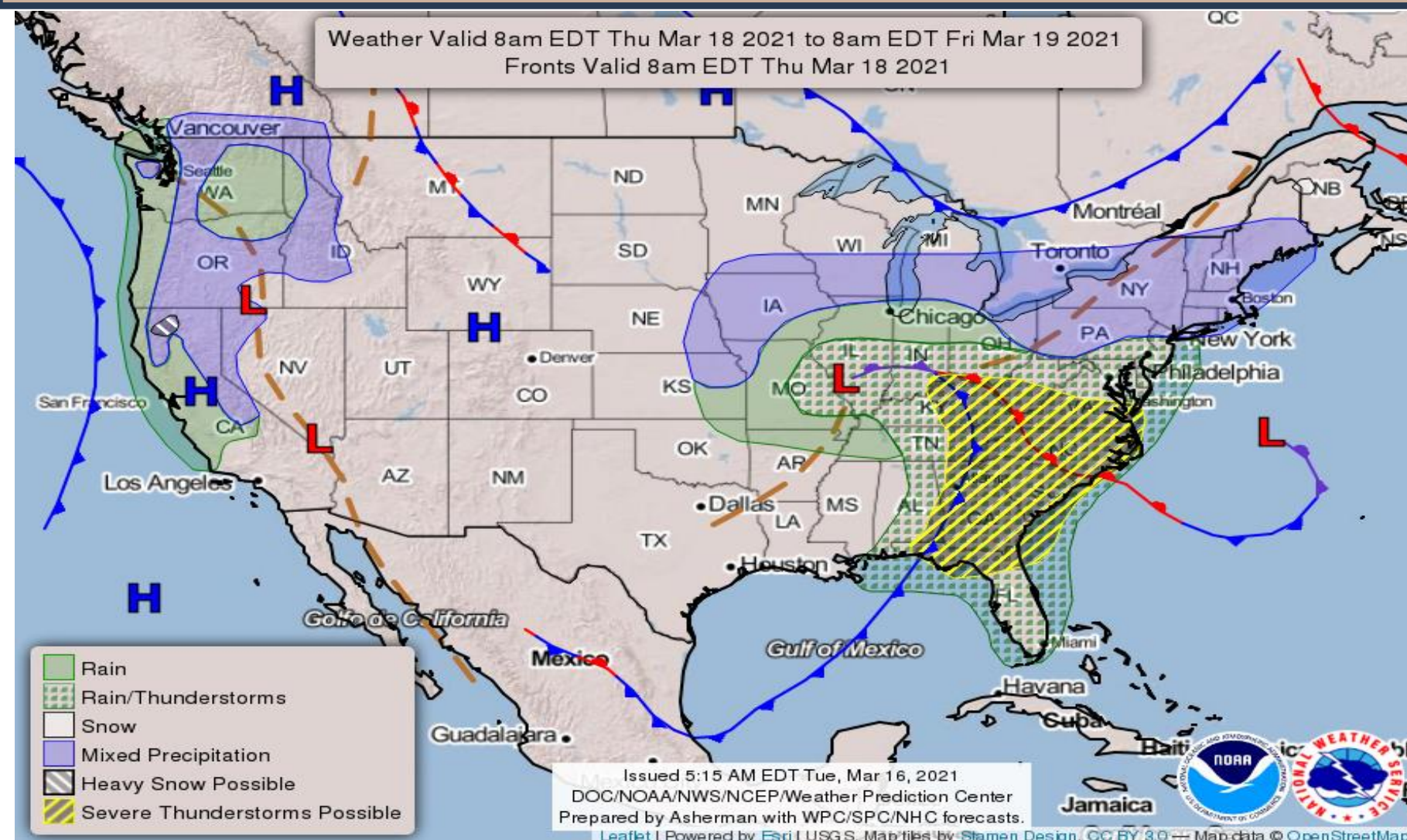


Excessive Rainfall Outlook

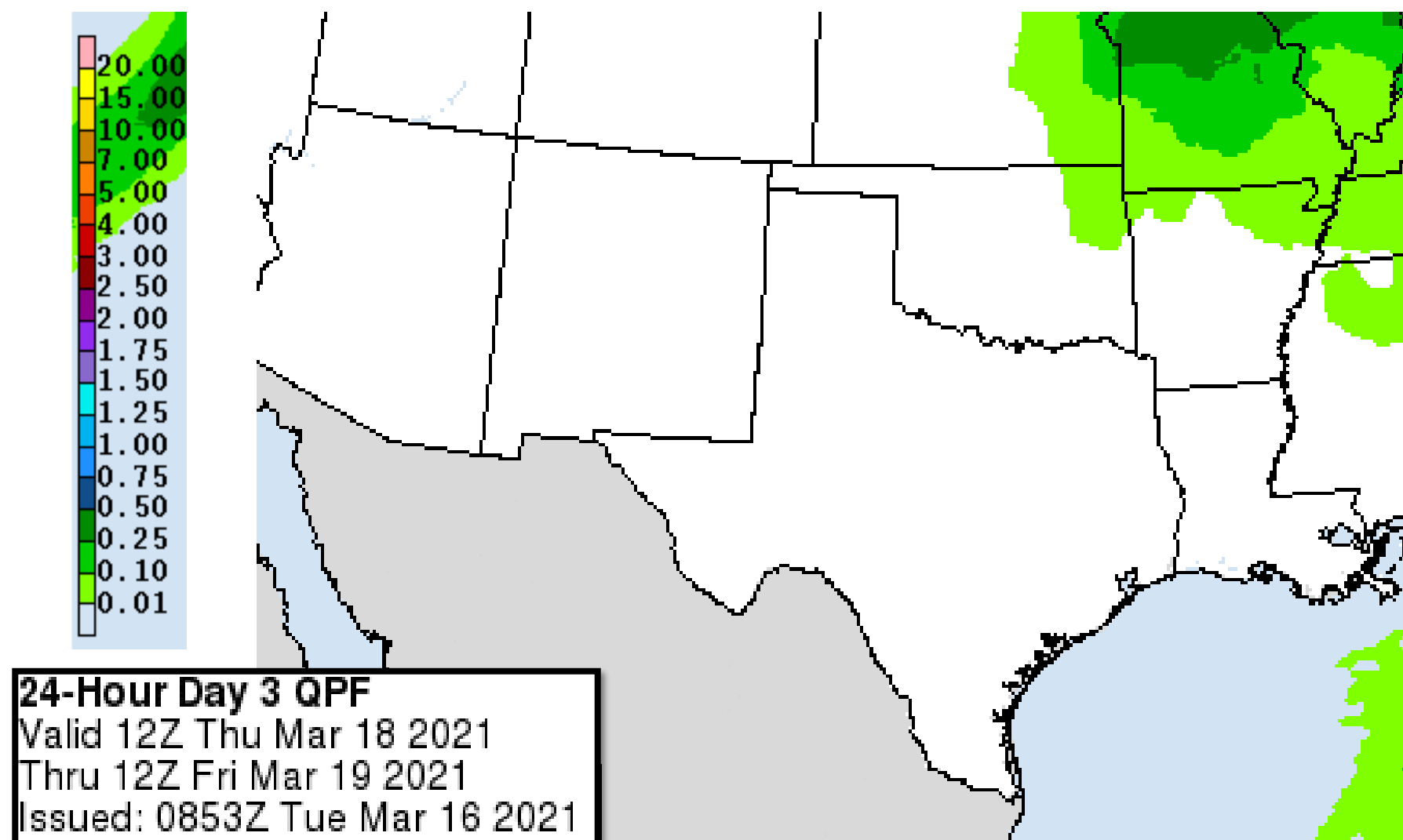


Thursday's Weather

Forecast Chart



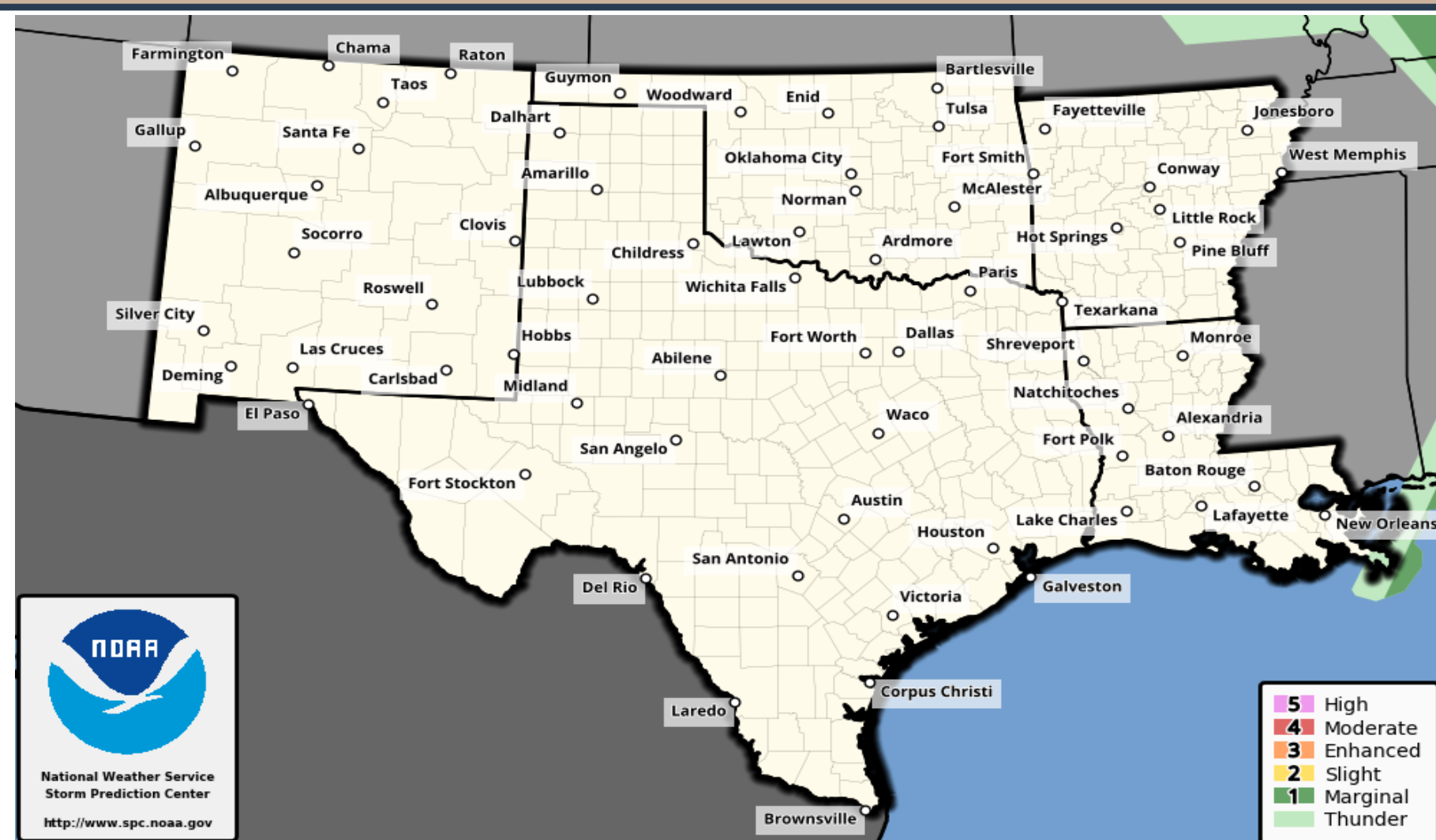
Forecast Rainfall



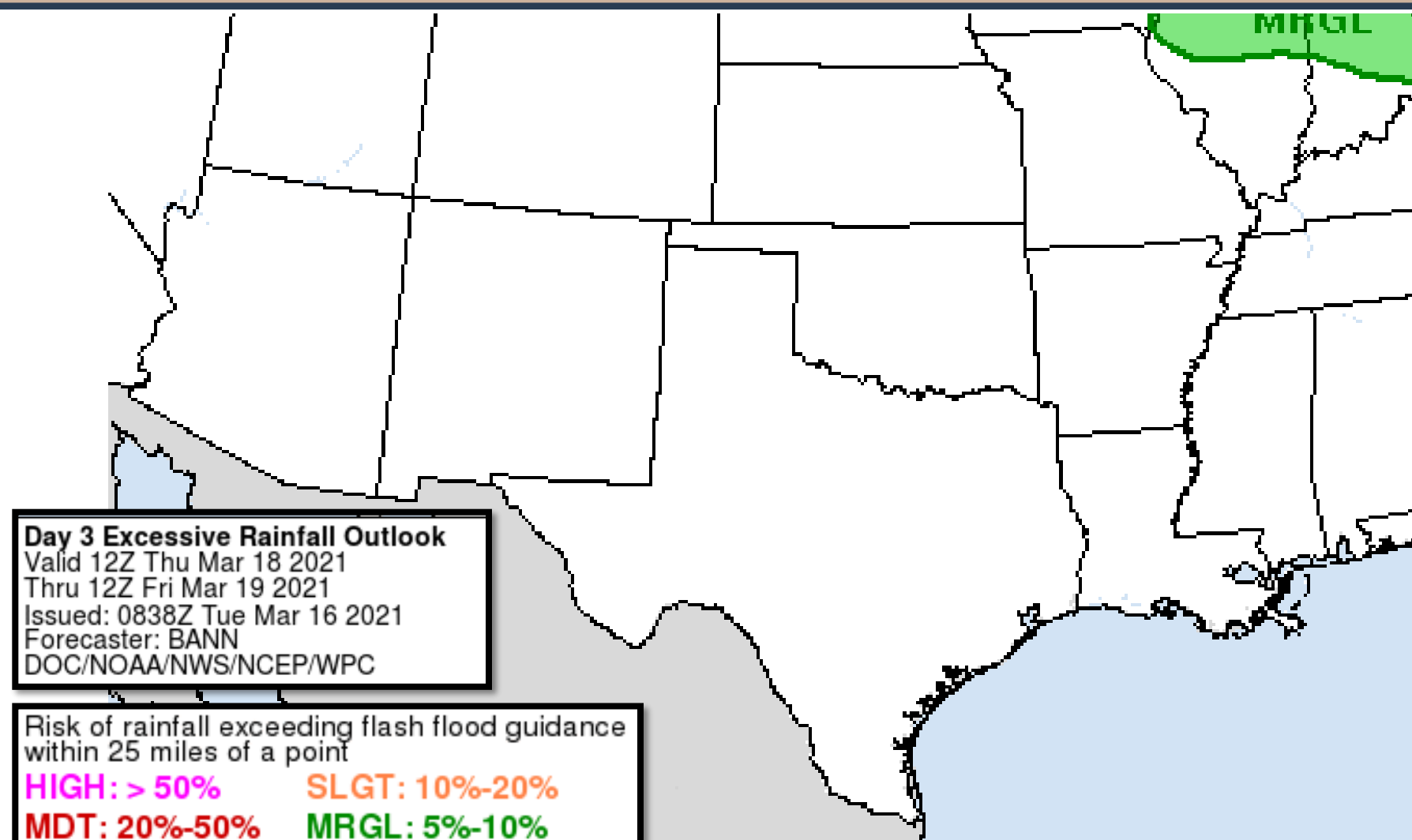
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Friday - Saturday



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No significant weather expected.

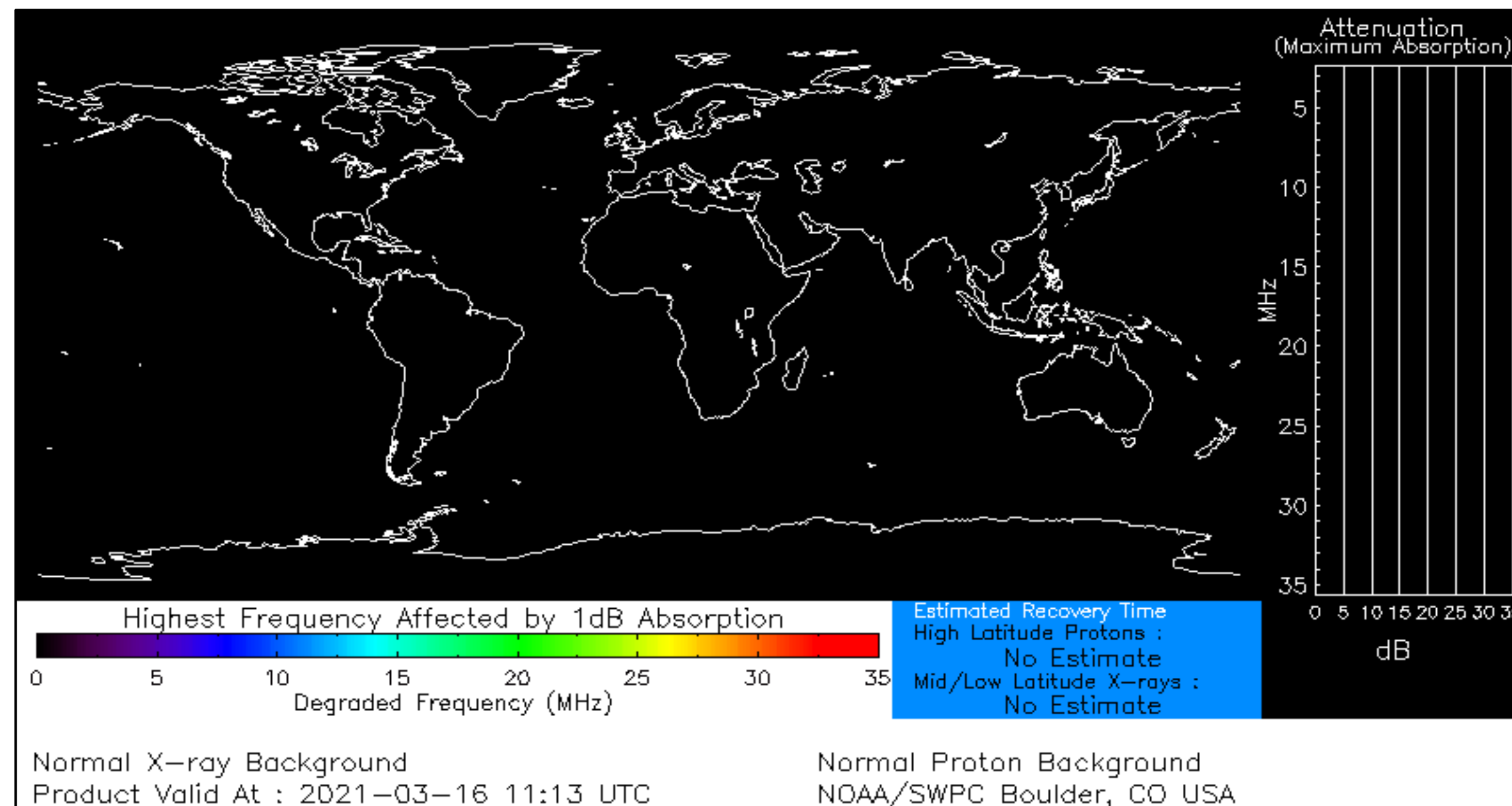


Space Weather 3-Day Forecast



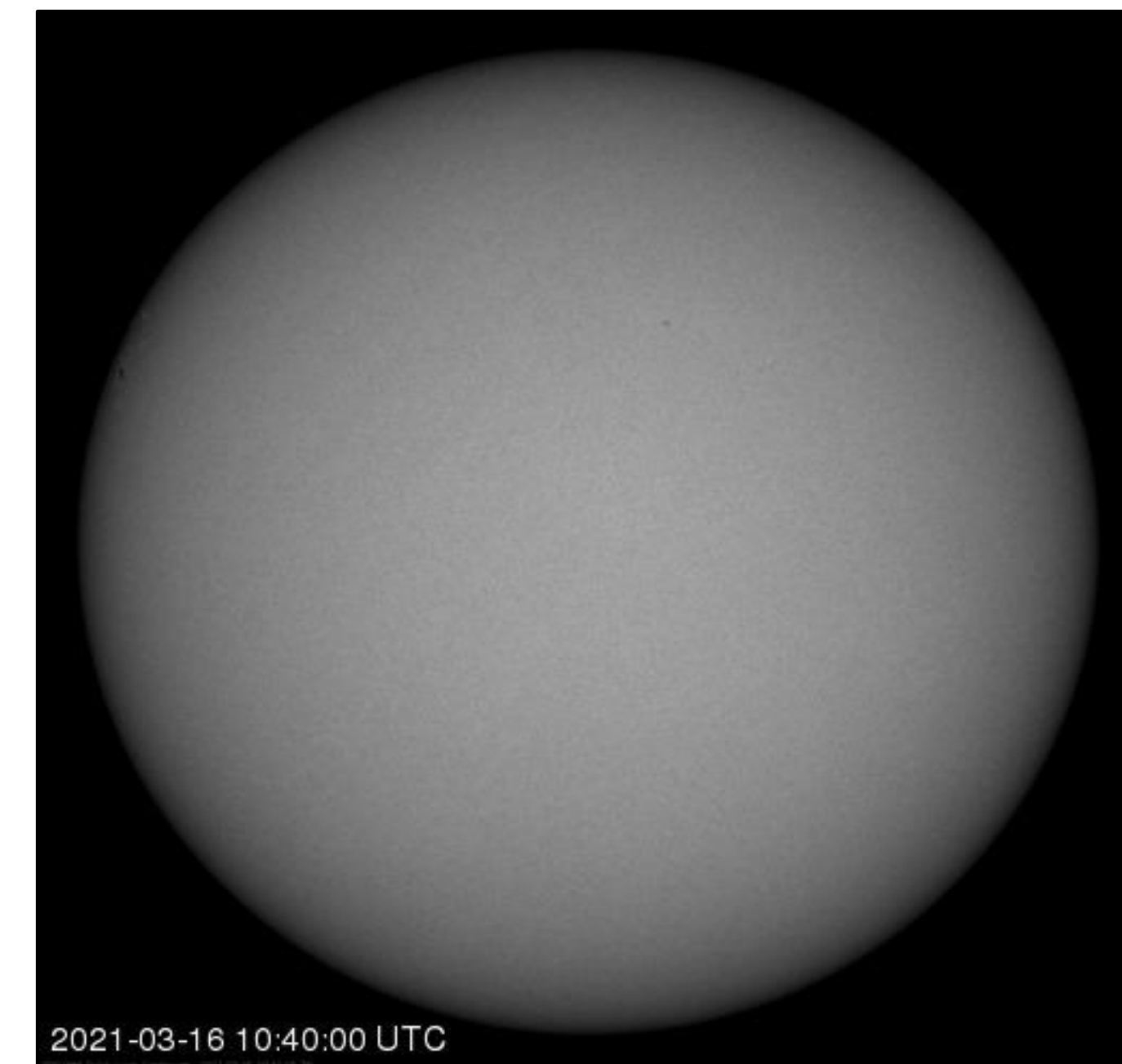
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov